

## **EXPRESS MAIL LABEL NO.:**

### **WHAT IS CLAIMED IS:**

1. A method for identifying spoofed emails, the method comprising the steps of:
  - receiving an email addressed to a recipient in a first network, the email including a plurality of headers, wherein at least one of the plurality of headers includes a sender address;
  - determining whether the sender address indicates a mailbox from within the first network;
  - modifying the sender address if it indicates a mailbox from within the first network; and
  - sending the email with the modified sender address to the recipient.
2. The method of claim 1, wherein the receiving step comprises:
  - receiving the email that includes a "sender" header field that includes the sender address.
3. The method of claim 1, wherein the receiving step comprises:
  - receiving the email that includes a "from" header field that includes the recipient's address.
4. The method of claim 1, wherein the receiving step comprises:
  - receiving the email that includes a "reply-to" header that includes the sender address.
5. The method of claim 1, wherein the step of determining comprises:
  - determining whether the sender address matches any one of a plurality of domains and/or sub-domains associated with the first network.

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6. The method of claim 5, wherein the step of modifying comprises:  
modifying the sender address if it matches any one of the domains and/or sub-domains associated with the first network.
7. The method of claim 1, wherein the step of modifying comprises:  
appending a predetermined sub-domain to the sender address.
8. The method of claim 1, wherein the step of modifying comprises:  
modifying a domain and/or sub-domain of the sender address.
9. The method of claim 1, further comprising:  
receiving a second email, the second email being from the recipient and being addressed to the modified sender address;  
modifying the modified sender address so as to return it to its original form; and  
sending the second email.

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10. A computer program product for identifying spoofed emails, the computer program product comprising:

a storage medium readable by a processing circuit and storing instructions for execution by the processing circuit for performing a method comprising the steps of:

receiving an email addressed to a recipient in a first network, the email including a plurality of headers, wherein at least one of the plurality of headers includes a sender address;

determining whether the sender address indicates a mailbox from within the first network;

modifying the sender address if it indicates a mailbox from within the first network; and

sending the email with the modified sender address to the recipient.

11. The computer program product of claim 10, wherein the receiving step of the method comprises:

receiving the email that includes a "sender" header field that includes the sender address.

12. The computer program product of claim 10, wherein the receiving step of the method comprises:

receiving the email that includes a "from" header field that includes the recipient's address.

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13. The computer program product of claim 10,  
wherein the determining step of the method comprises determining whether the sender address matches any one of a plurality of domains and/or sub-domains associated with the first network, and  
the modifying step of the method comprises modifying the sender address if it matches any one of the domains and/or sub-domains associated with the first network.
14. The computer program product of claim 10, wherein the modifying step of the method comprises:  
appending a predetermined sub-domain to the sender address.
15. The computer program product of claim 10, wherein the modifying step of the method comprises:  
modifying a domain and/or sub-domain of the sender address.
16. The computer program product of claim 10, wherein the method further comprises the steps of:  
receiving a second email, the second email being from the recipient and being addressed to the modified sender address;  
modifying the modified sender address so as to return it to its original form; and  
sending the second email.

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17. A computer system for identifying spoofed emails, the computer system comprising:

a receiver receiving an email addressed to a recipient in a first network, the email including a plurality of headers, wherein at least one of the plurality of headers includes a sender address;

a processor determining whether the sender address indicates a mailbox from within the first network, the processor modifying the sender address if it indicates a mailbox from within the first network; and

a transmitter sending the email with the modified sender address to the recipient.

18. The computer system of claim 17, wherein the receiver receives the email that includes a "sender" header field that includes the sender address.

19. The computer system of claim 17, wherein the processor modifies the sender address by appending a predetermined sub-domain to the sender address.

20. The computer system of claim 17, wherein the processor determines whether the sender address indicates a mailbox from within the first network by determining whether the sender address matches any one of a plurality of domains and/or sub-domains associated with the first network, and

the processor modifies the sender address by modifying the sender address if it matches any one of the domains and/or sub-domains associated with the first network